



NAME _____ DATE _____

Record each of the estimates and measurements for your tree below. Compare your tree with the biggest tree in the world, the General Sherman Tree. It's the largest giant sequoia—and the largest known living plant—on Earth!

	Your Tree		General Sherman
	Estimate	Measurement	
Circumference (at breast height)			79 feet (24.1 m)
Height			275 feet (83.8 m)
Average crown spread			106.5 feet (32.5 m)
Leaf or needle length (from base of stem to tip)			.25 inches (6 mm)



- How many of your trees would you have to stack on top of one another to equal the height of the General Sherman Tree?

- Which is taller: The General Sherman Tree or the Empire State Building? How much taller?

- Which is taller: The General Sherman Tree or the tallest tree in your community? How much taller?

- Which is longer: Your tree's leaf or the leaf (needle) of the giant sequoia? How many times longer is it?

- How many of you would it take to wrap your arms around the General Sherman Tree? (You'll need to measure the distance of your outstretched arms from fingertip to fingertip.) How about your tree?

- Which is bigger, the average crown spread of your tree or that of the General Sherman Tree? How much bigger is it?

CAREER CORNER

FORESTRY ENGINEERS design and supervise the building of roads, trails, bridges, and other construction projects in managed forests. They must understand forest ecosystems and the impacts of projects on forest resources.

I LOVE MY
GREEN JOB!

